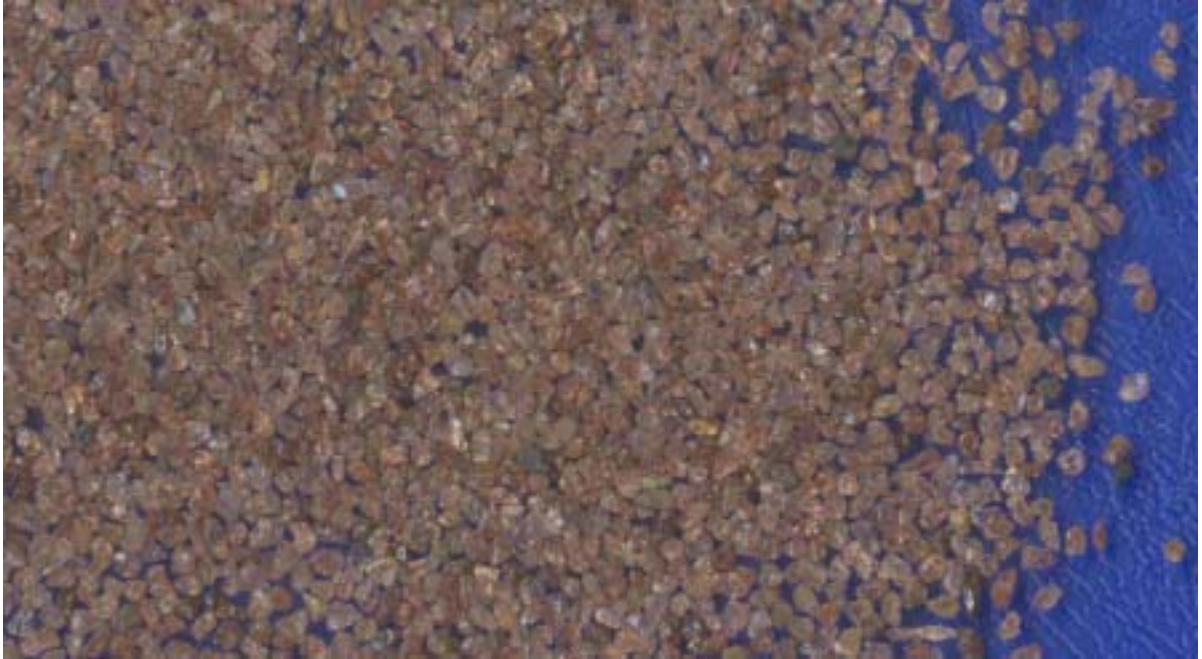


# Garnet



## Description

Garnet is a mineral abrasive produced from naturally occurring almandite garnet. Garnet is a cost effective, environmentally and operator friendly, alternative to silica sands and minerals slags and will provide a class Sa3 White Metal finish.

Garnet particles are dense, hard and sharp and free of heavy metals or toxic components. The low friability of garnet permits recycling up to 8 times and the relatively high density ensures fast blasting speeds.

## Applications

Cleaning, descaling and surface preparation of structural steel fabrications in the oil, gas, petrochemical and shipyard industries prior to coating application. .

Stainless steel and duplex blasting without ferrous contamination prior to coating. Surface preparation of aluminium and fiberglass ship hulls prior to painting.

Maintenance blasting of chemical plants, pipelines, mining equipment, power stations, petrochemical plants, gas tanks, rail and road bridges, masonry etc.

## Size Details

Grit No.	10/20	20/40	30/60
Size in inch	0.033 - 0.078	0.017 - 0.033	0.008 - 0.023
Size in $\mu\text{m}$	850 - 2000	400 - 850	200 - 600

## Physical Properties

Hardness	Specific Gravity	Bulk Density	Shape	Colour	Chlorides
> 7.5 - 8.0 Mohs	> 4.0 - 4.1 g/cm <sup>3</sup>	$\approx 2300\text{kg/m}^3$	Angular	Red / Pink	< 25ppm

## Typical Chemical Composition

SiO <sub>2</sub>	Fe <sub>2</sub> O <sub>3</sub>	Al <sub>2</sub> O <sub>3</sub>	MgO	CaO	MnO
35%	33%	23%	7%	1%	1%



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